

CONTENTS OF VOLUME 26

Number 1

Editorial	1
The Influence of Fibre-Type Composition and Associated Biochemical Characteristics on the Acid Buffering Capacities of Several Beef Muscles	5
M. V. RAO & N. F. S. GAULT (UK)	
Variations in Water-Holding Capacity Due to Changes in the Fibre Diameter, Sarcomere Length and Connective Tissue Morphology of Some Beef Muscles Under Acidic Conditions Below the Ultimate pH	19
M. V. RAO, N. F. S. GAULT & S. KENNEDY (UK)	
Effects of Ribose, Xylose and Arabinose on Colour Formation in Processed Meat Products	39
TAKAHIDE OKAYAMA, MINORU YAMANOE, KENJIRO KONDO & YUKIHARU NAGATA (Japan)	
Deformation of Collagenous, Elastin and Muscle Fibres in Raw Meat in Relation to Anisotropy and Length Ratio	47
J. LEPETIT (France)	
Alternative Methods of Pig Chilling	67
ANDREW GIGIEL (UK), FRANCIS BUTLER (Republic of Ireland) & BILL HUDSON (UK)	
Obituaries	85

Number 2

Electrical Stimulation during Exsanguination: Effects on the Prevalence of Blood Splash and on Sensory Quality Characteristics in Veal	89
F. J. M. SMULDERS, G. EIKELENBOOM, E. LAMBOOY & J. G. VAN LOGTESTIJN (The Netherlands)	
NMR Relaxation of Water Protons in Normal and Malignant Hyperthermia-susceptible Pig Muscle	101
J. P. RENOU, the late J. KOPP, Ph. GATELLIER, G. MONIN & C. KOZAK-REISS (France)	
Early Post-mortem Degradation of Intramuscular Collagen	115
E. W. MILLS, S. H. SMITH & M. D. JUDGE (USA)	
Effect of Exercise and Pre-slaughter Stress on Pork Muscle Characteristics.	121
P. K. LEWIS, JR, L. Y. RAKES, C. J. BROWN & P. R. NOLAND (USA)	

The Surface Active Properties of Myosin and its Proteolytic Fragments E. O'NEILL, D. M. MULVIHILL & P. A. MORRISSEY (Republic of Ireland)	131
Reaction of Nitrite with Ascorbic Acid and its Significant Role in Nitrite-cured Food K. IZUMI, R. G. CASSENS & M. L. GREASER (USA)	141
Research Note	
Effect of Chilling on the Hardness of Fat on Sides of Beef KENNETH R. DAVEY (Australia)	155
Book Reviews	163

Number 3

The Use of Muscle Protein Solubility Measurements to Assess Pig Lean Meat Quality C. LOPEZ-BOTE, P. D. WARRISS & S. N. BROWN (UK)	167
Effects of Salt Reduction on the Rheological and Gelation Properties of Beef, Pork and Poultry Meat Batters S. BARBUT & G. S. MITTAL (Canada)	177
Comparison of Analytical Methods L. KÖRMENDY, VILMA MIHÁLYI, E. ZUKÁL & A. CSIBA (Hungary)	193
The Role of the Endomysium in the Salt-Induced Swelling of Muscle Fibres PETER KNIGHT, JOHN ELSEY & NICHOLAS HEDGES (UK)	209
Influence of Straw Feeding and Growth-Implant on Veal Meat Quality M. RENNERRE, C. TOURAILLE, P. BORDES, R. LABAS, M. C. BAYLE & R. FOURNIER (France)	233
Obituary	245

Number 4

The Desert Camel as a Meat Animal O. KH. YOUSIF & S. A. BABIKER (Sudan)	245
The Strength and Stiffness of Perimysial Connective Tissue Isolated from Cooked Beef Muscle GRAHAM J. LEWIS & PETER P. PURSLOW (UK)	255
Electron Microscopy of Bovine Muscle. I—The Native State of Post Rigor Sarcolemma and Endomysium R. W. D. ROWE (Australia)	271

Electron Microscopy of Bovine Muscle: II—The Effects of Heat Denaturation on Post Rigor Sarcolemma and Endomysium	281
R. W. D. ROWE (Australia)	
Fatty Acid and Proximate Composition of Raw and Cooked Retail Cuts of Beef Trimmed to Different External Fat Levels	295
DANA R. SMITH, J. W. SAVELL, S. B. SMITH & H. R. CROSS (USA)	
The Storage Life of Chilled Pork Packaged Under Carbon Dioxide	313
C. O. GILL & J. C. L. HARRISON (New Zealand)	
Book Review	325